

Application No. 09/887,144
Response to Office Communication on 09/13/2005

Attorney's Docket No. 0119-062

24. (Previously presented) The antenna according to claim 22, wherein three satellite radiators are mounted at respective edges of the base plate and the helical radiator is positioned between the three satellite radiators.

~~25. (Previously presented) The antenna according to claim 17, wherein the radiator and the feedback conductor are molded into a dielectric material.~~

~~26. (Previously presented) The antenna according to claim 17, wherein the radiator and the feedback conductor are enclosed in a dielectric radome.~~

~~27. (Previously presented) The antenna according to claim 17, wherein the radiator comprises a printed-pattern meander-shaped conductor.~~

~~28. (Previously presented) The antenna according to claim 17, wherein the radiator comprises a patch antenna element.~~

29. (Previously presented) A multi-layer printed circuit board, comprising an antenna including a radiator having a first end to be connected to radio circuitry in the portable communication apparatus, and a second end, a feedback conductor having a first end, which is electrically connected to the second end of the radiator, the feedback conductor extending along the radiator in a first direction from the second end of the radiator towards the first end of the radiator, wherein the feedback conductor includes a second end, extending along the radiator in a second direction towards the second end of the radiator, for tuning a frequency range of the antenna.

30. (Canceled)

31. (Canceled)

32. (Canceled)